



NEW JERSEY
WEEKLY CROP WEATHER
New Jersey
Agricultural Statistics
Service

In Cooperation With:
U.S. Department of Agriculture
National Agricultural Statistics Service
Agricultural Marketing Service
U.S. Department of Commerce/N.O.A.A.
Rutgers University

NOAA WEATHER RADIO STATIONS

Allentown
WXL-39 on the VHF-FM
frequency of 162.40 Megahertz.
Atlantic City
KHB-38 on the VHF-FM
frequency of 162.40 Megahertz.
New York City
KWO-35 on the VHF-FM
frequency of 160.55 Megahertz.
Philadelphia
KIH-28 on the VHF-FM
frequency of 162.475 Megahertz.

NEW JERSEY AUCTIONS

Vineland
Phone: (856)691-0721
Sales 10:00AM Daily except Sunday.
Landisville
Phone: (856)697-2273
Direct Sales Daily
Swedesboro
Phone: (856)476-0313
Hightstown
Phone: (609)448-0193
Auction Sales Mon-Wed-Fri-7pm

RUTGERS WEEKLY FORECAST
Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
7 am EDT Monday August 11, 2003

Rainfall amounts...quarter of an inch with locally heavy amounts possible today, tenth of inch with locally heavy amounts possible tonight and Tuesday.

Winds for spraying...south 5 to 10 mph today, light south tonight, south 5 to 10 mph Tuesday.

Relative humidity in percent...60 to 70 today, near 100 tonight, 60 to 70 Sunday.

Dew points...70 to 75 through Tuesday.

Drying conditions...fair at best today and again Tuesday.

Frost freeze or dew...heavy dew as well as possible wetting In showers both tonight and Tuesday night.

Percent of possible sunshine...30 today, 40 Tuesday.

There is a 60 percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain free period after application.

Hay cutting will not be good over the next several days with a tropical air mass continuing in place over the region producing slow drying conditions and scattered showers and thundershowers. There is some indication that the pattern may finally break to drier weather toward the end of the week.

Estimated soil moisture in percent of field capacity is generally at or near 100 percent over most the region.

Disease pressure will continue high for at least the next several days due to the warm and humid conditions.

Weather conditions do not appear favorable for the occurrence of cranberry scald today and Saturday based on experimental evidence.

The latest 8 to 14 day outlook for the period August 18, 2003 to August 24, 2003 is calling for temperatures to average above normal and precipitation to total above normal.

Climate summary for the week ending 8am 8/11/03

Temperatures averaged above normal north and near normal central and south. Extremes were 89 degrees at Freehold on August 5, 2003 and 60 degrees at Charlotteburg on the 6th and Long Valley on August 9, 2003.

Weekly rainfall averaged 4.01 inches north, 2.16 inches central, and 2.00 inches south. The heaviest 24 hour total reported was 2.40 inches at Long Valley on August 5, 2003 to August 6, 2003.

Estimated soil moisture, in percent of field capacity, this past week averaged 97 percent north, 92 percent central and 77 percent south.

Four inch soil temperatures averaged 76 degrees north, 77 degrees central and 76 degrees south.

WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 08/11/03

Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week				Total	Dept.*	
		Total	Dept.*	Max.	Min.	Avg.	Dept.*			
- Inches -				- Degrees -				- Base 50°F -		
NORTH										
Belvidere Bridge	4.45	32.07	10.79	87	65	76	4	1907	104	97
Canoe Brook	DATA NOT AVAILABLE									
Charlotteburg	3.46	32.53	9.94	84	60	72	2	1521	100	100
Flemington	2.42	31.10	9.46	86	64	76	3	1857	6	100
Long Valley	4.74	28.76	5.49	80	60	73	3	1434	-166	100
Newton	4.98	29.30	8.51	86	66	74	4	1712	69	96
CENTRAL										
Freehold	1.37	24.97	3.94	89	66	77	3	2015	37	93
Long Branch	1.69	28.04	6.97	83	68	74	0	1835	-64	94
New Brunswick	3.47	29.12	8.02	86	67	76	3	1968	-94	100
Pemberton	DATA NOT AVAILABLE									
Toms River	2.95	26.20	4.53	87	68	77	5	1988	96	91
Trenton	1.30	23.89	3.76	86	66	76	1	1941	-213	89
SOUTH										
A.C. Marina	DATA NOT AVAILABLE									
Cape May C.H.	2.61	22.19	3.51	84	62	73	-2	1905	-123	79
Downtown	1.39	23.28	3.53	87	66	76	1	2039	-126	69
Glassboro	2.36	25.39	4.67	87	66	76	1	2159	21	97
Hammonton	1.92	20.98	.22	88	67	77	2	2129	-11	74
Pomona	.81	21.45	2.54	85	65	76	3	1987	-10	59
Seabrook	2.93	26.71	7.70	85	67	76	1	2211	39	93
South Harrison	1.72	22.47	1.72	85	66	76	NA	2137	NA	NA

*Departure from normal.
1/ Growing degree days since March 1, total and departure from normal or long term average.
2/ Estimated soil moisture as % of field capacity based on climate data.



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- Inches -										

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1/ Growing degree days since March 1, total and departure from normal or long term average.
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AGRICULTURE

Days suitable for field work were 3.3. There were measurable amounts of rainfall during the week over most of the state. Top soil moisture was rated 19% adequate and 81% surplus. Activities during the week were harvesting fruit and vegetables, top dressing fertilizer, and spraying pesticides and herbicides where weather conditions allowed. Poor forage quality reported by some equine owners. More available pasture forage reduced supplemental livestock feeding. Army worm infestation was reported in some corn fields. Wet weather conditions continued to delay hay harvest activities in most areas. Second cutting hay harvest was not complete in some areas. The third cutting of hay began in a few fields. Vegetables were rated in fair to good condition as harvesting continued. Leafhopper and earworm counts continued to rise. The south reported bacterial leaf spot on pepper plants and phytophthora blight on cucumber and pumpkin plants. In the north, some cantaloupes had cracked due to wet conditions. Sweet corn quality varied, according to our reporters. Tomato development continued to be delayed across the state with poor quality reported. Irish potatoes showed variable size and some rot problems were reported in some fields. Sweet potatoes tubers were sizing up. Apple harvest started in the north with good crop condition reported. Fungal sprays were used on grape plants due to wet weather conditions.

SOIL MOISTURE TABLE				RANGE AND PASTURE			
				CURRENT	PREVIOUS WEEK	PREVIOUS YEAR	
VERY SHORT SHORT ADEQUATE SURPLUS	THIS WEEK	LAST WEEK	PREVIOUS YEAR	VERY POOR	0%	0%	0%
				POOR	0%	0%	40%
				FAIR	35%	57%	51%
				GOOD	65%	43%	9%
				EXCELLENT	0%	0%	0%

JERSEY FRESH AVAILABILITY FOR
AUGUST 11, 2003

Acorn Squash – Fair to good quantity of good quality squash available.

Arrugula – Good quality and decreasing volume with the warmer temperatures.

Beets – Good quantity and quality available.

Blueberries –Elliott variety berries are now being picked for another week or two.

Cabbage – Savoy, Green, and Red varieties being seen in fair good quantities.

Cantaloupes – Excellent quality and large quantity available in the marketplace. We need to move these now.

Cilantro – Good quality and decreasing volume with the warm temperatures.

Collards – Good quality and fair quantity with the warm temperatures.

Cucumbers – Fair to good quantity and good quality product available. Volume will pick up again in the Fall.

Dill – Good quality and fair quantity available with the warmer temperatures.

Eggplant – Available in good quantities. Volume still increasing each week.

Greens - Good quality and decreasing quantities seen of Kholrabi, Kale, Mustard, Broccoli Raab, and Swiss Chard with the warmer Summer temperatures.

Italian Eggplant – Good quantities and quality available. Whites also available in fair volume.

Leeks – Available in good quantity and quality.

Parsley – Good quality and fair quantity of Spring seeded plain and curley varieties.

Peaches – Growers are seeing good quality and size. Redhaven and John Boy varieties are available in good quantities. White peaches are also now available in fair quantities with the White Lady variety. The new white peach varieties have the look and flavor that consumers desire and the shelf life that allows you to get the peaches to them. We'll have peaches until the end of September.

Peppers - Good quality and large quantity this week. We need to move peppers now.

Pickles – Fair to good quantity and good quality product available. Volume will pick up again in the Fall.

Sugar Babies – Excellent quality and good quantity available in the marketplace.

Sweet Corn – Good quantities of good quality corn available. The peak of the season for corn.

Tomatoes – Volume is still increasing each week as recent cloudy weather has slowed their ripening a bit. It's been a tough season for tomatoes as constant rain and humidity has caused problems with fruit set and disease causing conditions. The season will probably not get much better than it already is and volume is expected to be off from last year.

Turnips – Good volume and quantity available.

Yellow Squash – Good quality and fair to good quantity available. Will pick up a bit again in the Fall.

Zucchini - Good quality and fair to good quantity available. Will pick up a bit again in the Fall.

JERSEY FRESH FORECAST

Butternut Squash – Will be available in two to three weeks.

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